Winch measuring system

Summary

The winch measuring system captures the current data of rope length, rope speed and rope load.

Manufacturer	Hatlapa

Contacts

Name	Institution	Role
Reederei Briese	Reederei Briese	Engineer In Charge

Data logging, storage and archiving

Central geographical ship's position and time standard
Time synchronization and geographical positioning is done by DShip receiving the data for logging.

Rawdata storage on board
Data storage in DShip system.

DShip
Uncorrected measurement data.

Device name	Winch_Kurrleinen
Parameters	Winch ID Bb; Rope length Bb [m]; Rope speed Bb [m/s]; Rope tension Bb [kN]; Winch ID STBD; Rope length STBD [m]; Rope speed STBD [m/s]; Rope tension STBD [kN]

Data archiving on land
After the cruise the DShip data set can be extracted from https://dship.awi.de/.